

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐			
Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐			
Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐			
Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐			
Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐			
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER :						
Misidentified ☐	☐	Past Due ☐							

Work Order ID 162739

Monday, June 12, 2017 11:18:06 AM

162739

Page 2

Item ID: SK145-0114-25 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Fitting
 Start Date: 6/26/2017 Start Qty: 5.00 *5* Cust Item ID:
 Required Date: 7/3/2017 Req'd Qty: 5.00 *5* Customer:
 Reference: SCHEDULED/C

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC8- Inspect parts - second check Memo	0.00 0.10				5	φ		DAS 49 9-89 17/6/20
130 *130* Packaging Packaging	Identify as per dwg & Stock Location: <u>54571</u> Memo	0.00 0.05				5	JUN 2 1 2017		DAS 6 9-89
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.50							17/6/27 DJ

DAS
21
9-89

JUN 2 2 2017

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413/4

Picklist Print

Monday, June 12, 2017 11:18:18 AM

Page 1

Work Order ID: 162739

162739

Parent Item: SK145-0114-25

SK145-0114-25

Parent Item Name: Fitting

Start Date: 6/26/2017

Required Date: 7/3/2017

Start Qty: 5.00

Required Qty: 5.00

Comments: IPP REV:A 17.06.06 NEW ISSUE DD VERF:JFS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M174R0.750		Purchased		No		100	f	5.3451	0.2	1.052632			

M174R0.750

17-4 round bar .750

**

Location

Loc Qty

Loc Code

MAT

5.3451

m133265

0.0001

m135232

5.345

M174 R600

M111458

20ft

DAS

45

9-89

2017-6-14

DFG
17/06/14

~~* MATL NOT PURCHD~~

OK

DQA: _____ Date: _____

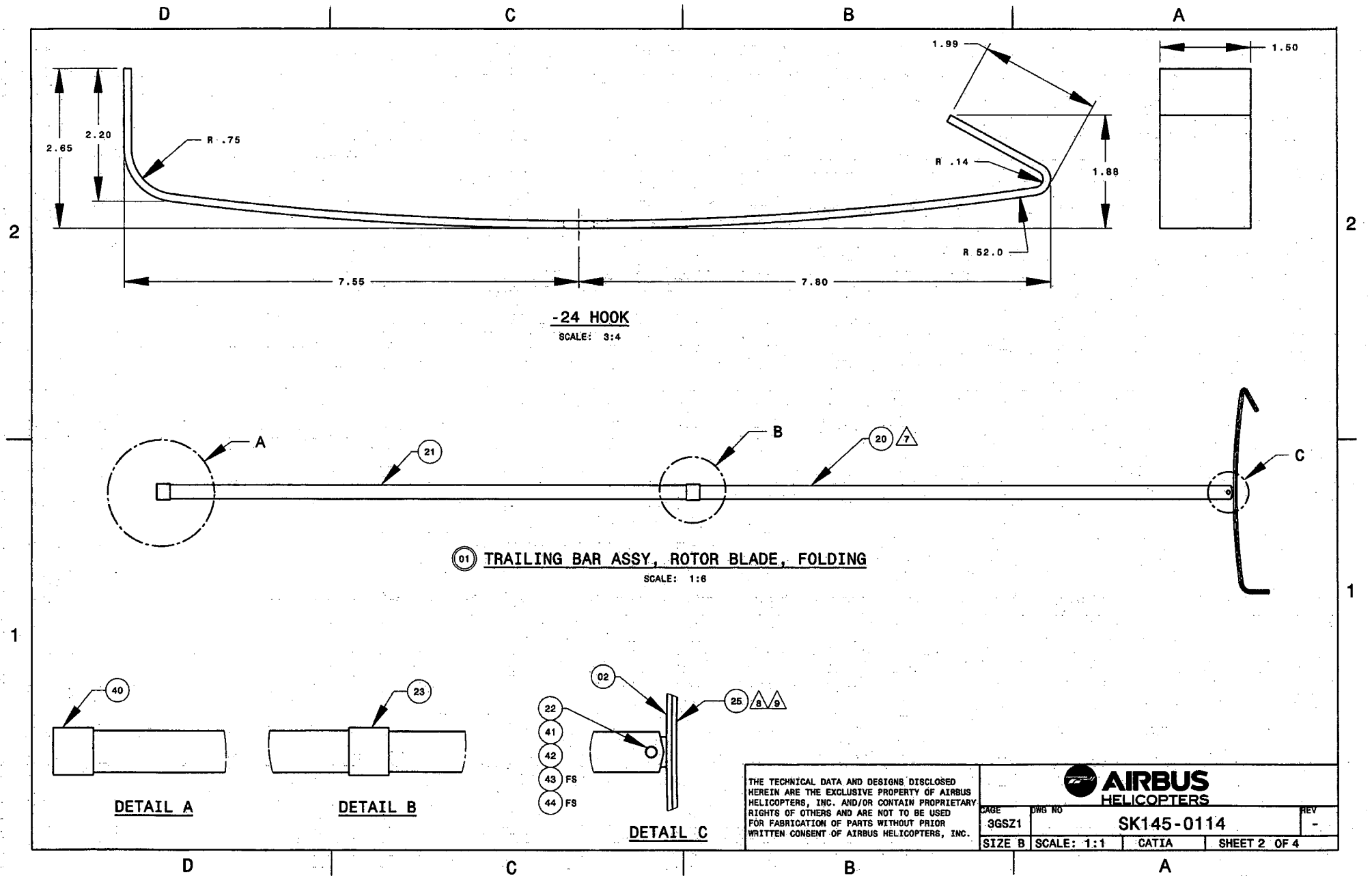


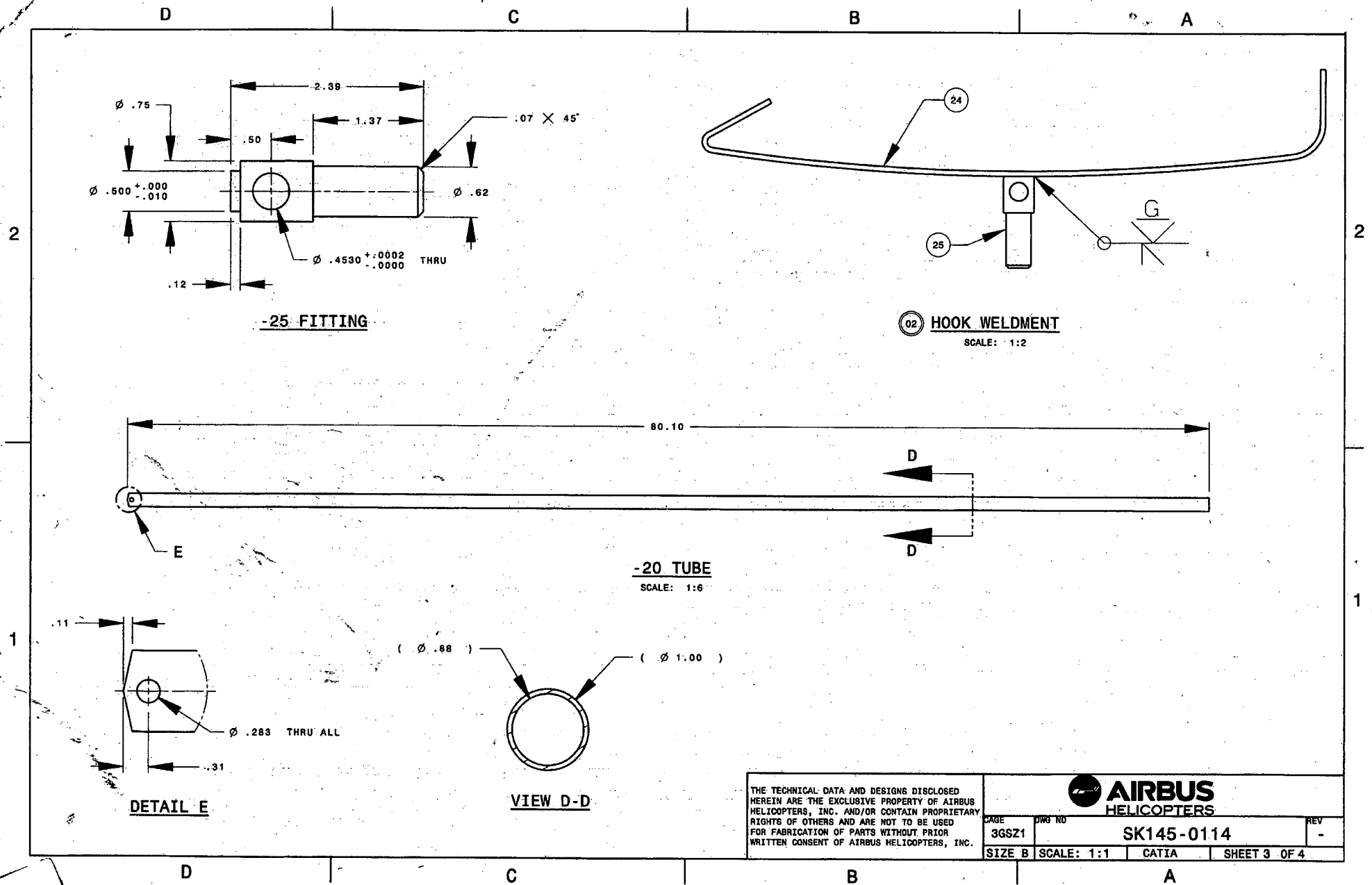
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		OTHER :											



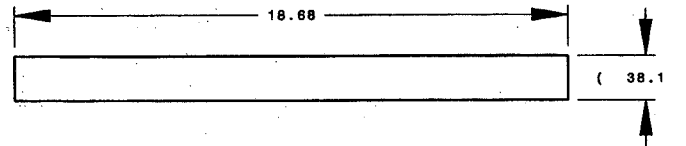


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C

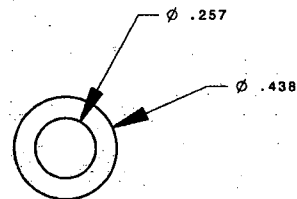
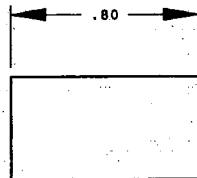
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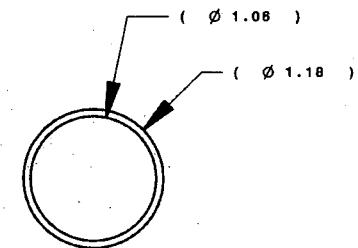
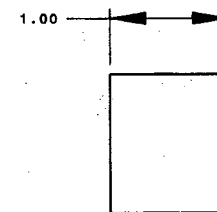
-26 HOOK PAD

2



-22 BUSHING

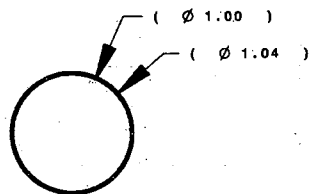
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-23 COLLAR

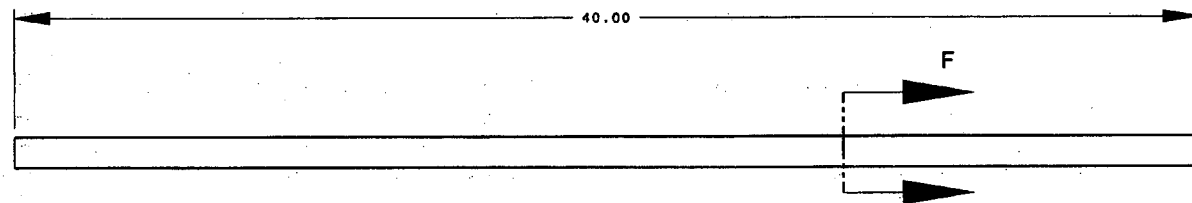
SCALE: 1:1

1



VIEW F-F

SCALE: 1:1



-21 GRIP

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AIRBUS
HELICOPTERS

DATE	DWG NO	REV
3GSZ1	SK145-0114	-
SIZE B	SCALE: 1:4	CATIA
SHEET 4 OF 4		

D

C

B

A



REFERENCE ONLY

REFERENCE ONLY

*TAPE - AR Mast. Black
Vivid Vinyl
DXF. No.*

February 5, 2017

Airbus Helicopters Inc.
2701 N. Forum Drive
Grand Prairie, TX 75052

Attention: Michael Harvey, Strategic Procurement
cc. John Worth, Strategic Procurement

Subject: DART Proposal for EC145 Blade Folding Kit

Dear Michael,

This proposal is being provided per your email request of December 1, 2016, to quote on Airbus Part Numbers for Lakota Blade Folding Kits and the subsequent price reduction negotiation. We are quoting on the following Airbus Helicopter drawings (drawings marked as " UNCONTROLLED COPY/FOR INFORMATION USE ONLY 11/7/2016"):

1. Trailing Bar Assy, Rotor Blade, Folding; P/N SK 145-0014
2. Clamp Assy, Rotor Blade, Folding; P/N SK 145-0015

Furthermore, DART assumptions for the SK145-0114, which have been validated by Airbus, are the following:

1. The material called out on -22 & -25 is AISI 301 SST annealed is sheet or coil material which DART could not find. DART is quoting 17-4 SST as a substitute.
2. We assumed that -21 is vinyl (tape) wrapped around 40" of -20 tube to make a grip.